

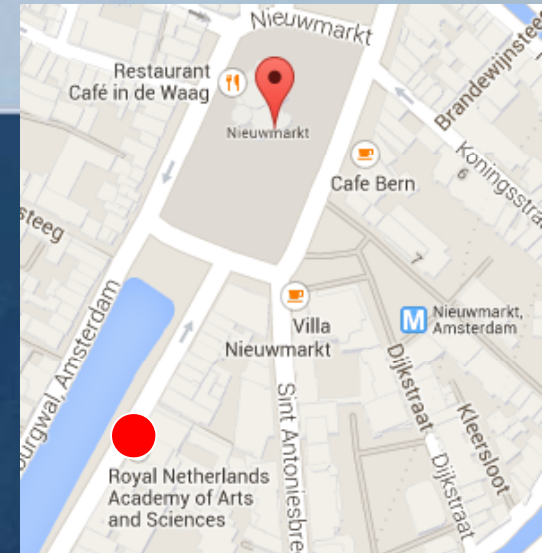
Welcome

Welcome to the Satellite Soil Moisture Validation & Application Workshop



Introduction: logistics

- 2 day event
- Lunch in the Wintertuin
- Dinner at the Waag
- Room available for splinter meetings
(Hendrickkamer, max 16 p.)
- Registration can be done during the breaks



Wireless internet
SSID: knaw-guest
Key: W1reless4GUESTS



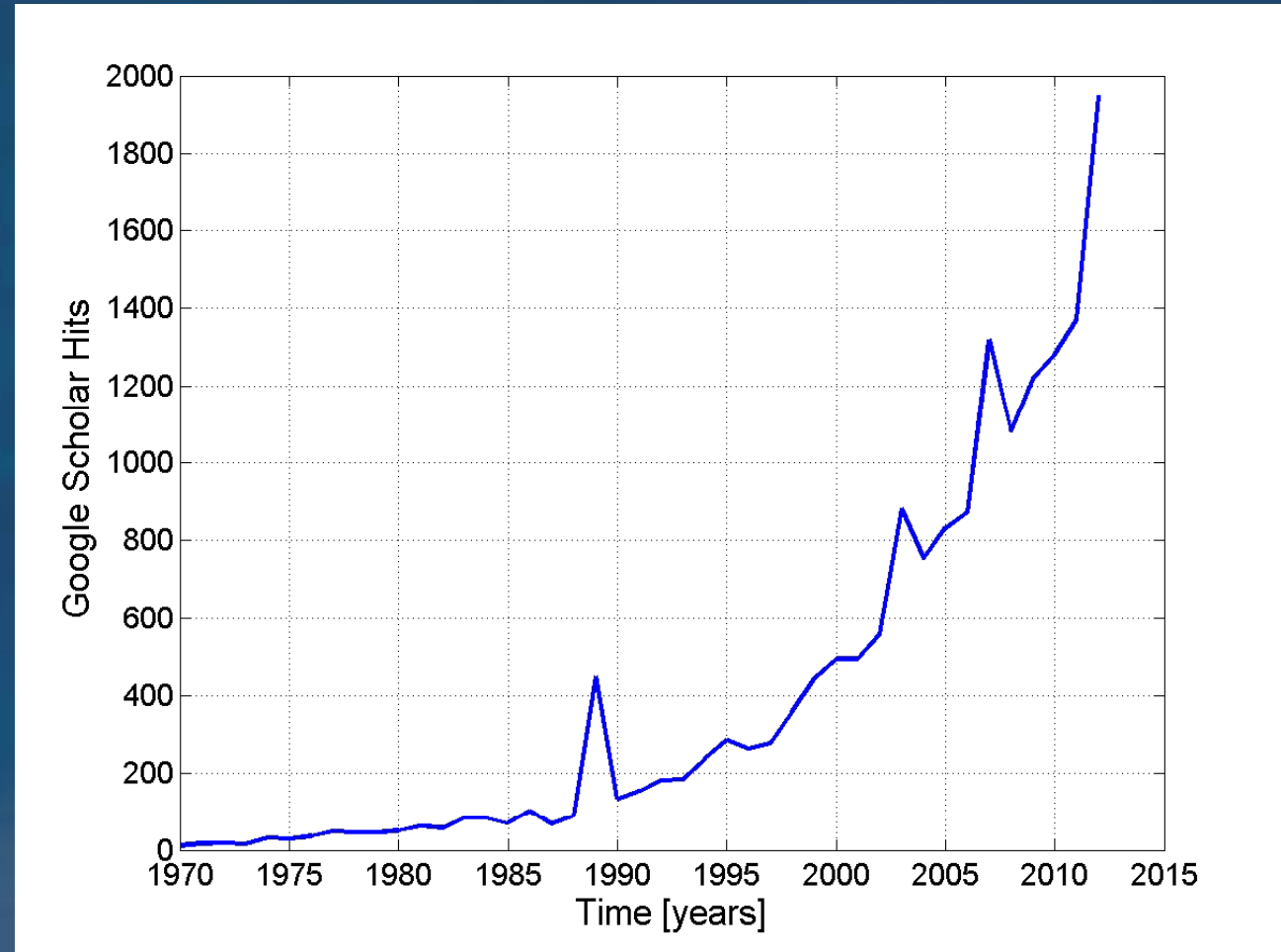
Introduction: Workshop

Google Scholar Search:

- Soil Moisture
- Satellite
- Microwave

Exponential growth !

(*cf.* NDVI and Satellite gave 5360 hits for 2012)

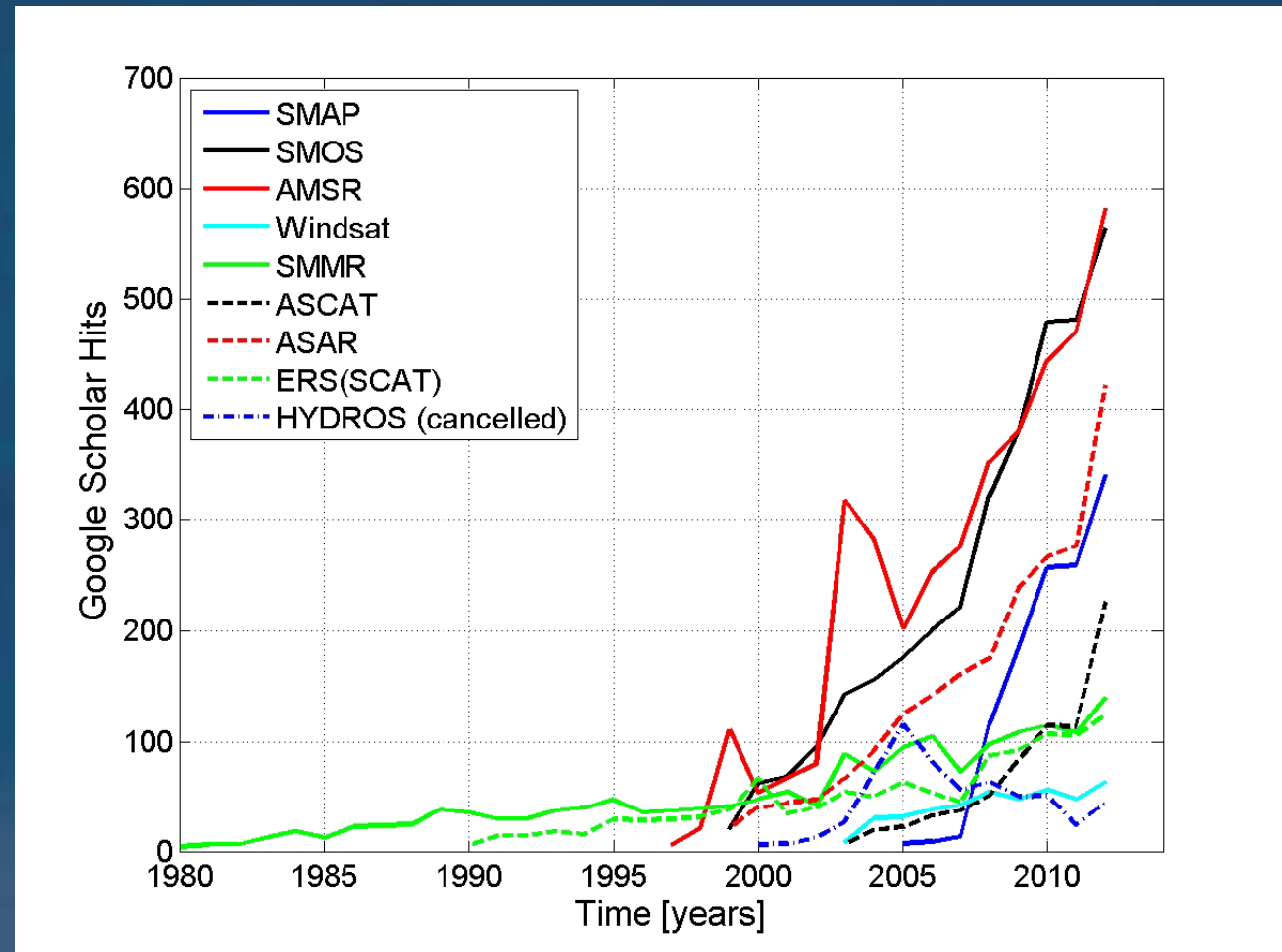


Introduction: Workshop

Google Scholar Search:

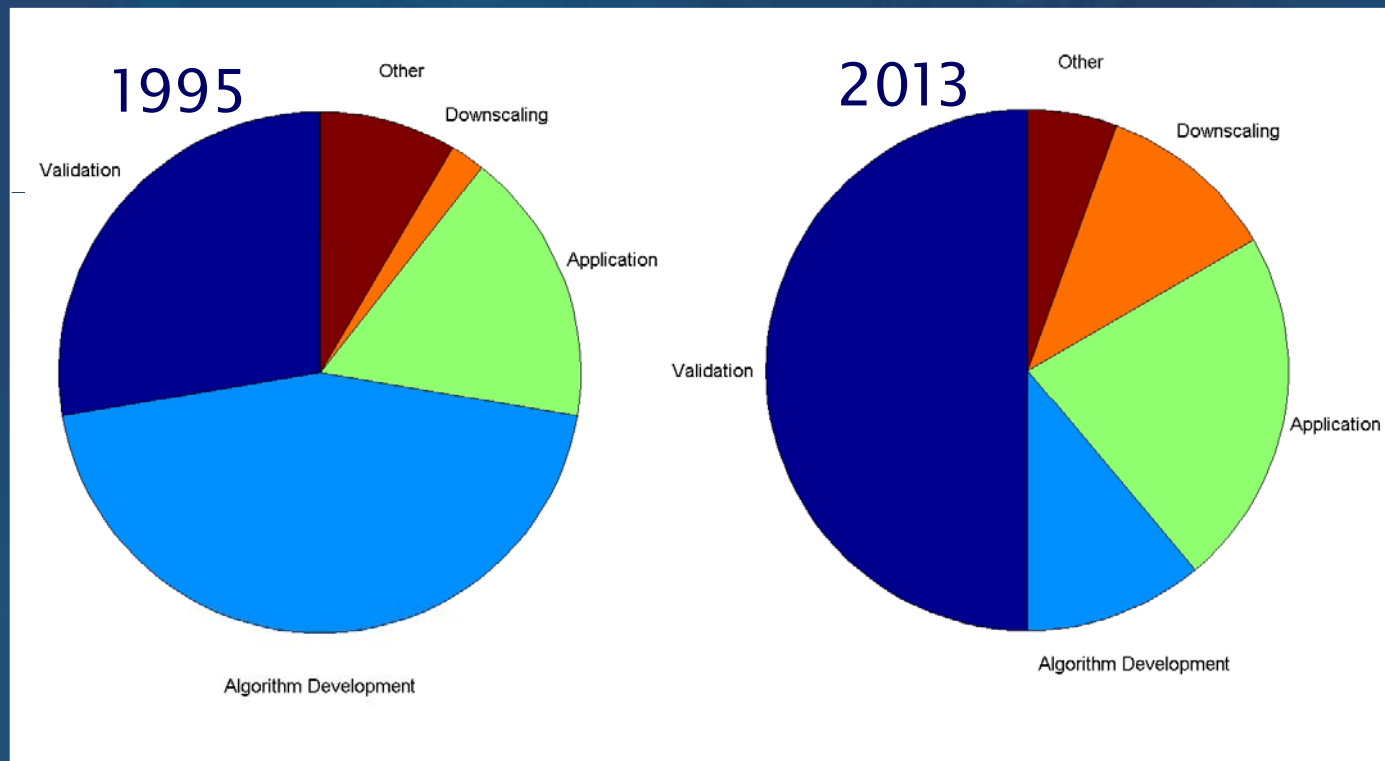
- Soil Moisture
- [Sensor Name]

Exponential growth in the new and upcoming satellites



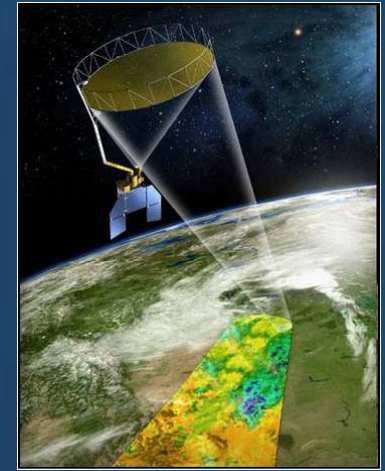
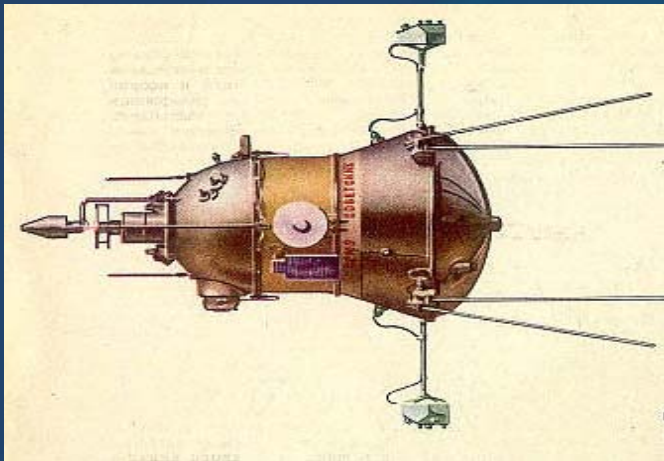
Introduction: Workshop

Further analysis on publications in Google Scholar:
Themes in publications change over time !



Introduction: Workshop

.....and the technology changes



Objective

Objective: to explore the methodological advances in the validation and application of global satellite soil moisture datasets.

Focus on both the **derivation** and **exploration** of soil moisture from both passive and active microwave satellite missions.



Sessions

- Sensors (Thu)
- Validation, Data Products and Networks (Thu)
- Soil Moisture Applications (Fri)
- Algorithm Development (Fri)

- 13 Poster presentations (Thu)



Special Issue

Special issue:

“Advances in the Validation and Application of Remotely Sensed Soil Moisture”

Journal: International Journal of Applied Earth Observation and Geoinformation.

Guest Editors: Wouter Dorigo, TU Wien, Austria and Richard de Jeu, VU University Amsterdam, the Netherlands

Time Schedule:

- September 1, 2014: Opening of the Special Issue submission site
- 31 December, 2014: Submission deadline
- 31 May, 2015: Acceptance deadline
- July, 2015: Publication date of special issue

